CLAIMS

1. Format selector device for wiping-material dispensing appliances, the appliance being of the type comprising a housing with lateral flanges, between which are arranged a drum receiving a cutting blade, a reel of materials, a pressing roller or a guide roller, **characterized in that** the format selector device makes it possible to control a dispensing of formats (A1 - A2) of strips of materials in a ratio of one to two, the position of the format selector device allowing the emergence of the cutting blade from the drum at each revolution of the drum for the small format and every two revolutions of the drum for the large format, the selector device acting and causing a relation between a set of pinions (P1, P2, P3, P4, P5, P6, P7) meshing with one another in the small-format dispensing situation, and some pinions (P2, P3, P7) being disengaged punctually over a drum revolution in large-format dispensing and cancelling the emergence of the cutting blade from the drum, and in that the selector device is positioned, from one of the flanges (1) of the housing, on the outside and on the inside of the latter, **and in that** it comprises an operating lever (23) including two fixed stops (24 - 25) spaced apart and arranged on the flange (1), at the same time defining an angular spacing α corresponding to the tilt of the lever in the upper or lower part, depending on the selected format,
and in that the tilt of the said operating lever acts with an axial push on a pusher member (12) guided on a hub (11) receiving two pinions (P1 - P2) set up according to an axis Y, and in that, by specific means of the function of the position of the said lever, the pusher member (12) causes connection between the pinions (P2 and P3) and therefore the emergence of the cutting blade at each revolution of the drum or the

retraction of the pinion (P3) and the emergence of the cutting blade once every two times.

2. Format selector device according to Claim 1, **characterized in that** the pinion (P2) cooperates by meshing with a pinion (P3) mounted on a retractable flap and according to an axis W, and in that the said pinion (P1) cooperates with a pinion (P5) associated with a pressing roller, and in that the pinion (P7) arranged at the end of the drum receiving the cutting blade cooperates with the said pinion (P3).

3. Selector device according to Claim 2, **characterized in that** the hub (11) integral with the flange (1) and projecting internally from the latter is arranged with an inner bore (11a) allowing the axial guidance of the pusher member (12) and receives rotatably, on its periphery, the pinions (P1 - P2) secured to one another, and in that the pusher member (12) is profiled at its front end with a conical profile capable of cooperating with the operating lever and at the other end (12b) with a conical profile extended by an appendage (12c) so as to be accommodated in an orifice (14c) formed on a guide cap (14) integral with the said pinion (P1).

4. Selector device according to either one of Claims 2 and 3, **characterized in that** the pinion (P1) is arranged so as to receive a guide cap (14) allowing the axial displacement of the pusher member (12) and the radial displacement of two profiled cams (15 - 16) in the inner volume (V1) of the said cap, forming a guide track, this taking place counter to an elastic retaining and return means (17), and in that the pinion (P1) is arranged with an oblique window (18) allowing the passage and, in some situations, the projection of the end of one of the cams so as to come into contact with and push on the pinion (P3) for the purpose of retracting the latter.

5. Selector device according to Claim 4, **characterized in that** the cams (15 - 16) are arranged on either side of the end (12b) of the pusher member (12) and have an oblique profile (15a - 16a) for cooperating with the said end.

6. Selector device according to any one of Claims 2 to 5, **characterized in that** the flange (1) has on the outside a projecting shape with three zones (10a - 10b - 10c) defining internally cavities for receiving the components of the said device and drum and pressing roller parts, the shape (10a) receiving the hub (11) and its pusher member (12) and having in its lower part a window-forming cutout (10a1) for receiving an elastically retractable flap (19) carrying a supporting shaft (20) of the pinion (P3).

7. Selector device according to Claim 4, **characterized in that** the pinion (P3) is arranged on its inside with a projecting stop (21) cooperating with the end of the cam (15) when the latter is stressed in terms of radial displacement under the action of the pusher member (12) stressed by the operating lever.

8. Selector device according to Claim 6, **characterized in that** the flange (1) has a second cylindrical shape (10b) with a central orifice allowing the shaft of the pressing roller to be received, the depth of the cavity of this shape being such that the pinion (P5) positioned on the pressing roller is capable of meshing with the first pinion (P1).

9. Selector device according to either one of Claims 6 and 8, **characterized in that** the flange (1) has a third cylindrical shape (10c) with an axis X corresponding to the axis of the drum receiving the cutting device, the depth of the cavity being such that a pinion (P7) arranged on the drum and designed as a

toothed quadrant with four teeth is capable of meshing with the pinion (P3).

10. Selector device according to Claim 9, **characterized in that** the drum has, on the supporting shaft of the pinion (P7), a pinion (P8) capable of cooperating with a pinion mounted at the end of the cutting-blade support in order to ensure the emergence of the blade.

11. Selector device according to Claim 9, **characterized in that** the drum has a pinion (P6) capable of meshing with the pinion (P4) set up on the pressing roller.